

Thomas Jefferson Data Summary Cruise 6/22/2010

Review Date 6/23/10

Summary:

This sampling report presents data collected from the Thomas Jefferson for the period of 6/22/2010. CTD graphs for stations sampled during operational period were included with the data provided for this review. No map was available at the time of this review.

Five (5) stations were occupied during this reporting period: TJ57 – TJ61.

All stations were sampled for: TPH, VOAs, and oil dispersion (CTD fluoremetry and dissolved oxygen). No samples were collected for bioassay using the Rototox test. Samples were collected from approximately 3 meters to approximately 271 meters below water surface.

Fluorometry and dissolved oxygen CTD plots for the reporting period 6/22/2010 were received along with fluorometry and dissolved oxygen CTD plots for this review.

Oil Dispersion (data collected from 6/22):

Station TJ59 recorded possible oil dispersion at approximately 44 meters.

Station TJ60 showed a decrease in DO at 36 meters, yet there was very little increase in fluorescence.

All other stations revealed no signs of oil dispersion.

LISST (data collected from 6/22):

No LISST data was provided for this reporting period.

Toxicity Testing (Rototox Assay) (data collected from 6/22)

No samples were collected for Rototox Assay.

Chemical Analyses (TPH and VOCs) (data collected from 6/22)

Sixty-eight (68) samples were collected for VOC analysis, including duplicates, and thirty-four (34) samples were collected for TPH analysis. No data were provided for review at this time due to laboratory lag time.